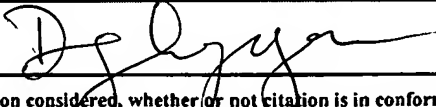
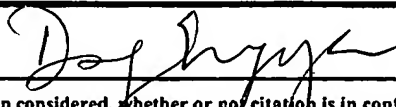

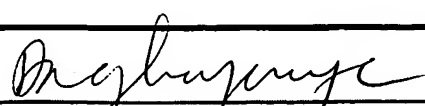


INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Docket Number (Optional)		Application Number	
					SUPERCON 23		10/736,650	
					Applicant(s)		Group Art Unit	
					WONG		3729	
					Filing Date		December 16, 2003	
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
DN	5,534,219	7.9.96	MARANCIK et al.	419	4			
DN	5,174,831	12.29.92	WONG et al.	148	98			
DN	5,869,196	2.9.99	WONG et al.	428	613			
DN	5,034,857	7.23.91	WONG	362	509			
DN	5,869,196	2.9.99	WONG et al.	428	613			
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
DN		JP 4033272A	2.4.92	JAPAN				
		JP 3208279A	9.11.91	JAPAN				
		JP 2197017A	8.3.90	JAPAN				
		JP 2106885A2	4.18.90	JAPAN				
DN		WO 02/45106	6.6.02	PCT	H01G	9/00		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
DN		"Alternative Materials for Electrolytic Capacitor" Reichert et al., T.I.C. Bulletin, No. 109, March 2002						
DN		"Development of Internal-Tin Diffusion Multifilamentary Nb3Sn Conductors Including Hydrostatic Extrusion" Xu et al., IEEE Transactions on Magnetics, Vol., 24, No. 2, March 1998, pg. 1127-1130						
EXAMINER				DATE CONSIDERED				
				3/13/06				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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				Applicant(s) WONG				
				Filing Date December 16, 2003		Group Art Unit 3729		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DN		3,277,564	10.11.66	WEBBER et al.	29	419	/	
		3,379,000	4.23.68	WEBBER et al.	57	139		
		3,394,213	7.23.68	ROBERTS et al.	264	174		
		3,567,407	3.2.71	YOBLIN	29	191.4		
DN		3,698,863	10.17.72	ROBERTS et al.	29	183.5		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
DN		11-250747	9.17.99	JAPAN	H01B	13/00		
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
DN		Smathers et al., "A15 Superconductors", Metals Handbook, Tenth Edition, Vol. 2, pps. 1060-1077						
DN		Rosner et al., "Review of Superconducting Activities at IGC on A-15 Conductors", Filamentary A-15 Superconductors, Plenum Press, NY published 1980, ppg 67-79						
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U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DN		3,742,369	6.26.72	DOUGLASS	317	230		
		4,502,884	3.5.85	FIFE	75	0.5AB		
		5,306,462	4.26.94	FIFE	419	24		
		5,245,514	9.14.93	FIFE et al.	361	529		
DN		3,218,693	11.23.65	ALLEN et al.	29	155.5		
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							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
DN		Rumaner et al., "Effect of Oxygen and Zirconium on the Growth and Superconductin Properties of Nb3Sn" Metallurgical and Materials Transactions, Vol. 25A, January 1994, pgs. 203-211						
DN		Naus et al. "The Interdiffusion of Cu and Sn in International Sn Nb3Sn Superconductors", IEEE Transaction ASC, Vol. 10, No. 1, pgs. 983-987						
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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DN		3,429,032	2.25.69	MARTIN et al.	29	599	/	
		4,767,470	8.30.88	TACHIKAWA et al.	148	11.5		
		4,746,581	5.24.88	FLUKIGER	428	614		
		5,299,728	4.5.94	KING et al.	228	179.1		
DN		5,541,787	7.30.96	JOHNSON et al.	148	98		
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FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
DN		Caslaw, J.S., "Enhancement of the Critical Current Density in Niobium-Tin" Cryogenics, Feb. 1971, pgs. 57-59						
DN		Summers et al., "The Influence of Liquid Metal Infiltration on Superconducting Characteristics on Niobium Nitride", Advanced in Cryogenic Eng., Vol. 34, pgs. 835-842, 1987						
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN		5,505,790	4.9.96	BENZ et al.	148	98	/
		4,224,087	9.23.80	TACHIKAWA et al.	148	133	
		4,776,899	10.11.88	MURASE et al.	148	11.5	
		3,743,986	07.1973	McINTURFF et al.	335	216	
YM		4,055,887	11.1977	MEYER	29	599	

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FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
DN		Sakamoto et al., "Very High Critical Current Density of Bronze-Processed (Nb,Ti)3Sn Superconducting Wire" IEEE Transactions on Applied Superconductivity, Vol. 10, No. 1, March 2000, pgs. 971-974
DN		Tachikawa, K., "Developments of A15 Filamentary Composite Superconductors in Japan" by Masaki Suenaga and Alan F. Clark, Plenum Press, NY, Cryogenic Mat. Series 1980, pps. 1-15

EXAMINER <div style="text-align: center; font-family: cursive; font-size: 1.2em;">D. N. Suenaga</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.2em;">3/13/06</div>
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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

SUPERCON 23

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10/736,650

Applicant(s)

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Filing Date

December 16, 2003

Group Art Unit

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*EXAMINER
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ON

Katagiri et al., "Tensile Strain/Transverse Compressive Stress Effects in Nb₃Sn Multifilamentary Wires with CuNb Reinforcing Stabilizer" Advances in Cryogenic Eng., Vol. 42, Plenum Press, NY, pgs. 1423-1432

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Dew-Hughes et al. "Treatise on Material Science and Technology" Vol. 14, Metallurgy of Superconducting Materials, 1979, pgs. 429-432

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Valder, B., "Niobium Alloy C-103/Aerospace Applications" Wah Chang, Outlook 1st Quarter 2000

EXAMINER

D. J. Hays

DATE CONSIDERED

3/13/06

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